



Product Name: KLÄRON SAE 50 API SF/CF

Viscosity Grade: SAE 50

Quality Level: Mineral

API Service: SF/CF

Recommended for: gasoline and diesel engines from 1980 to 1989 as well as any engine requiring this specification.

Application: Recommended for old gasoline and diesel engines.

Drain Interval: Up to 5,000 Km

Product Overview

KLÄRON SAE 50 API SF/CF is a high-quality monograde mineral motor oil specifically developed for gasoline and diesel engines in passenger cars and light commercial vehicles. Designed for engines built between 1980 and 1989, it provides superior lubrication and engine protection under normal operating conditions. Its advanced additive package delivers excellent detergency and dispersancy, ensuring clean engine performance and wear protection.

Application

- Designed for gasoline and diesel engines with or without turbochargers.
- Ideal for use in passenger cars, light trucks, and farm equipment.
- Suitable for use in a wide range of operating conditions, including city, highway, and rural environments.

Performance Benefits

- **Outstanding Engine Cleanliness:** Minimizes sludge and deposits for optimal engine performance.
- **Enhanced Wear Protection:** Reduces wear on critical engine parts, extending engine life.
- **Oxidation Resistance:** Maintains stability and viscosity during high-temperature operations.
- **Low Ash Content:** Protects engine components and ensures compatibility with older engine designs.
- **Thermal Stability:** Ensures reliable performance in a variety of climates.
- **Corrosion Resistance:** Provides excellent protection against rust and corrosion.

Meets and approvals:

- API SF/CF
- MIL-L-46152 B
- MB 226.0

Typical Properties

Property	Method	Typical Value
Density @ 15°C	ASTM D4052	0.8962 g/ml
Kinematic Viscosity @ 40°C	ASTM D445	220.5 mm ² /s
Kinematic Viscosity @ 100°C	ASTM D445	18.78 mm ² /s





Viscosity Index	ASTM D2270	95
Pour Point	ASTM D6892	-18°C
Flash Point (COC)	ASTM D92	265°C
Base Number (TBN)	ASTM D2896	6.25 mg KOH/g

Health, Safety, and Environmental Information:

- **Health Precautions:** Avoid prolonged skin contact. Wash thoroughly with soap and water after handling.
- **Safety:** Prevent discharge into drains, soil, or water. Dispose of used oil responsibly at authorized collection points.
- **Environment:** Follow local regulations for disposal of used oil.
- **Safety Data Sheet (SDS):** Available upon request for detailed handling guidelines.

Storage and Handling:

- **Storage:** Store in a cool, dry, and well-ventilated area. Avoid exposure to direct sunlight and extreme temperatures. Do not store above 60°C.
- **Handling:** Ensure drums are stored horizontally to prevent water contamination and label deterioration.

